

APPENDIX 1. ACRONYMS AND ABBREVIATIONS

This appendix contains many acronyms and abbreviations for both old as well as new Airworthiness terms that are used throughout this Handbook. Inspectors can refer to the following alphabetical listing of frequently used acronyms and abbreviations and their meanings when using this Handbook.

14 CFR Title 14 of the Code of Federal Regulations	ALS Advance Life Support
49 CFR Title 49 of the Code of Federal Regulations	AMA Aviation Mechanic Airframe
49 U.S.C. Title 49 of the United States Code	AMC acceptable means of compliance
A/FD Airport/Facility Directory	AME Aviation Medical Examiner
A&P Airframe and Powerplant	AMG Aviation Mechanic General
AAD Automatic Activation Device	AMM Aircraft Maintenance Manual
AAIP Approved Aircraft Inspection Program	AMO Approved Maintenance Organization
AC Advisory Circular	AMP Aviation Mechanic Powerplant
ACARS Aircraft Communication Addressing and Reporting System	AMT Aviation Maintenance Technician
ACAT Air Carrier Assessment Tool	AMTS Aviation Maintenance Technician School
ACCSS air carrier cabin safety specialists	ANM Seattle Aircraft Evaluation Group
ACE aerobatic competency evaluator	AOA Airport Operations Area
ACO Aircraft Certification Office	AOC Air Operator Certificate
ACR airman certification representative	AOD Automatic Opening Device
AD Airworthiness Directives	AOG Aircraft on the Ground
ADA Airline Deregulation Act	APP Accident Prevention Program
ADF automatic direction finding	APPM Accident Prevention Program Manager
AEE Office of Environment and Energy	APU Auxiliary Power Unit
AEG Aircraft Evaluation Groups	AR Authorized Representative
AEM Area Equivalent Method	ARA Airborne Radar Approach
AES Automated Exemption System	ARFF Aircraft Rescue and Fire Fighting Equipment
AFM Aircraft Flight Manual Airplane Flight Manual	ARINC Aeronautical Radio, Inc.
AFSC Air Force Specialty Codes	ASAP Aviation Safety Action Program
AFSS automated flight service station	ASAS Aviation Safety Analysis System
AFTN aeronautical fix telecommunication network	ASI aviation safety inspector
AH alert height	ASR Airport Surveillance Radar
AGL above ground level	AST aviation safety technician
AIDS Accident Incident Data Subsystem	ASTM American Society for Testing and Materials
Air Oper Air Operator Vital Information	ASW Southwest Aircraft Evaluation
VIS Subsystem	ATCS Alternate Testing Center Supervisor
AIP Airplane Inspection Program	AT Air Traffic
	ATA Air Transport Association

Appendix 1

ATC air traffic control	CL capabilities list
ATE Automatic Test Equipment	CM Condition Monitoring
ATOS Air Transportation Oversight System	CMO Certificate Management Office
ATP airline transport pilot	CMP Configuration Maintenance Procedures
ATPE airline transport pilot examiner	CMU Communication Management Unit
AVGAS Aviation Gasoline	CMR Certification Maintenance Requirements
BA Bilateral Agreement	CMT Certificate Management Team
BASA Bilateral Aviation Safety Agreement	COA certificate of authority
BFA Balloon Federation of America	COB close of business
BITE Built-In Test Equipment	COMAT company material
BLS Basic Life Support	ConDOR Constructed Dynamic Observation Reports
BOW basic operating weight	Conus continental United States
CAA Civil Airworthiness Authority	CPCP Corrosion Prevention and Control Programs
CAB Civil Aviation Board	CPL commercial pilot license
CAIS Comprehensive Airmen Information Subsystem	CPM certification project manager
CAM Civil Aeronautics Manual	CRS certificated repair stations
CAMI Civil Aero Medical Institute	CRW canopy relative work
CAMP Continuous Airworthiness Maintenance Program	CSP Comprehensive Surveillance Plan
CAN Center Area NOTAM	CTA control areas
CAR Civil Air Regulations	CTC computer testing center
CASE Coordinating Agencies for Supplier's Evaluation	CTD computer testing designee
CASFO Civil Aviation Security Field Office	CTM Computer Testing Manager
CASP Continuous Analysis and Surveillance Program	CVR cockpit voice recorder
CASS Continuing Analysis and Surveillance System	DAR Designated Airworthiness Representative
CATS Computer Assisted Testing Services	DAS Designated Alteration Station
CBI computer-based instruction	DBA Other Business Names
CDL Configuration Deviation List	d.b.a. doing business as
CE commercial pilot examiner	DCT Data Collection Tool
CFI certificated flight instructor	DDG Dispatch Deviation Guide
CFR Code of Federal Regulations	DER Designated Engineering Representative
CFRS certificated foreign repair station	DFDAU digital flight data acquisition unit
CG center of gravity	DH decision height
CHDO certificate-holding district office	DME Designated Mechanic Examiners
CIRE commercial and instrument rating examiner	DME distance measuring equipment
	DNL Decibel Noise Level
	DOD Department of Defense

DOT Department of Transportation	FM flight manual
DPE designated pilot examiner	FMCS flight management computer systems
DPRE Designated Parachute Rigger Examiners	FMS flight management system
DS discard	FOEB Flight Operation Evaluation Board
EA Environmental Assessment	FOI fundamentals of instructing
EA/EO Engineering Change Authorization/Order	FOIA Freedom of Information Act
EAA Experimental Aircraft Association	FONSI finding of no significant impact
EASA European Aviation Safety Agency	FOPB Flight Operation Policy Board
EFIS electronic flight instrument systems	FSAIC Flight Standards Safety Analysis Information Center
EIR Enforcement Investigation Report	FSAS Flight Standards Automation System
EIS Enforcement Information Subsystem	FSB Flight Standardization Board
EIS Environmental Impact Statement	FSDO Flight Standards District Office
ELSA Experimental Light-Sport Aircraft	FSS flight service station
ELT Emergency Locator Transmitter	FTD flight training device
EMI electromagnetic interference	GM General Manuals
EP Evaluation Panel	GOM General Operations Manual
EPI Element Performance Inspections	GPS global positioning system
ERC Event Review Committee	GPWS ground proximity warning systems
ETOPS Extended-Range Operation With Two-Engine Airplanes	GSE ground support equipment
E.U. European Union	GSGC Ground School Graduation Certificate
EWCG empty-weight center of gravity	GTD ground training device
EVAS Emergency Vision Assurance Systems	HAZMAT hazardous material
FAA Federal Aviation Administration	HEL helicopter
FA Act Federal Aviation Act of 1958	HEMES Helicopter Hospital Emergency Medical Evacuation
FADEC Full Authority Digital Engine Control	HF high frequency
FAR Federal Aviation Regulations	HIRF High Intensity Radiated Fields
FCAA Foreign Civil Aviation Authority	HT Hard-Time
FCC Federal Communications Commission	HUD heads-up display
FD flight director	HUMS Health Usage Monitoring Systems
FDC flight data center	IA Inspection Authorization
FDR Flight Data Recorder	IACRA Integrated Airman Certification and/or Rating Application
FIE flight instructor examiner	IAP instrument approach procedures
FIR flight information regions	IASA International Aviation Safety Assessments
FIRC flight instructor refresher clinic	IAW in accordance with
FL flight level	
FLIR Forward Looking Infrared	

Appendix 1

ICA instructions for continued airworthiness	LLM lower landing minimums
ICAO International Civil Aviation Organization	LOA letter of authorization
ICAS International Council of Air Shows	LOI Letter of Investigation
ICS Intercom Systems	LORAN long-range navigation
IEC International Electrotechnical Commission	LOX liquid oxygen
IEM Interpretive Explanatory Material	LRN long-range navigation
IFO International Field Office	LRNS long-range navigation system
IFP Instrument Foreign Pilot	LRU Line Replaceable Units
IFR instrument flight rules	LU/SV Lubrication/Servicing
IFU International Field Unit	MAST Maintenance Airworthiness Standardization Team
IFSD in-flight shut down	MC/FPE military competency/foreign pilot examiner
IG Interim Guidance	MEL minimum equipment list
IGA international general aviation	MEL Multiengine Land
IIC inspector-in-charge	MES Multiengine Sea
ILS instrument landing system	MIDO Manufacturing Inspection District Offices
IMC instrument meteorological conditions	MIP maintenance implementation procedures
IN/FC Inspection/Functional check	MIS Mechanical Interruption Summary Reports
INM Integrated Noise Model	MISR Mechanical Interruption Summary Reports
INS inertial navigation system	MIST Maintenance International Standardization Team
IP implementation procedures	MLS microwave landing system
IT information technology	MME maintenance management exposition
IPM Inspection Procedures Manual	MMEL Master Minimum Equipment List
IRA Instrument Rating Airplane	MMF Manufacturer Maintenance Facility
IRS inertial reference systems	MNPS Minimum Navigation Performance Specification
ISC Industry Steering Committee	MOE maintenance organization exposition
ISIS Integrated Safety Information Subsystem	MOS Military Occupational Specialty
ISO International Organization for Standards	MOU memorandum of understanding
ISS inertial sensor system	MRA Mutual Recognition Agreement
JAA Joint Aviation Authorities	MRB Maintenance Review Board
JAD Job Aid Disc	MRB Material Review Board
JAR Joint Aviation Requirement	MRR Mechanical Reliability Reports
JTA Job Task Analysis	MSG Maintenance Steering Group
JTI job task items	MSL mean sea level
LAHSO land-and-hold-short operations	MTBF mean time between failure
LIBRA Logical Information Based on Reliability	
LLC limited liability corporation	

MTE measuring tools and equipment	OMP outsource maintenance provider
MWE Model Work Environment	OMT Organization Management Team
NAA National Aviation Authority	OpSpecs operations specifications
NAO Noise Abatement Officer	OPSS Operations Specifications Subsystem
NARIS National Aircraft Registry Information Subsystem	OP/VC Operational/Visual check
NAS National Airspace System	ORA Operations Research Analyst
NASIP National Aviation Safety Inspection Program	OSMF outsource maintenance organization/facility
NAT North Atlantic	OST Office of the Secretary of Transportation
NAT/MNPS North Atlantic Minimum Navigation Performance Specifications	OTAC Outside-the-Aircraft Check
NAVAID Navigational Aid	PAI principal avionics inspector
NEPA National Environmental Policy Act of 1969	PAR Precision Approach Radar
NDB nondirectional beacon	PASI Preapplication Statement of Intent
NDI Non-destructive Inspection	PC Production Certificate
NDT Nondestructive Testing	PCA Positive Control Area
NDPER National Designated Pilot Examiner Registry	PCA primary category aircraft
NEB National Examiner Board	PE private pilot examiner
NFDC National Flight Data Center	PI principal inspector
NFPA National Fire Protection Association	PIC pilot-in-command
NIST National Institute of Standards and Technology	PMA Parts Manufacturer Approval
NM nautical miles	PMI principal maintenance inspector
NOPAC North Pacific	POH pilot's operating handbook
NOTAM Notice to Airmen	POI principal operations inspector
NPG National Work Program Guidelines	PPE proficiency pilot examiner
NTSB National Transportation Safety Board	PPH Policy Procedures Handbook
NVLAP National Voluntary Laboratory Accreditation Program	PPM PTRS Procedures Manual
OASIS Operational and Supportability Implementation System	PSRAB Propulsion System Reliability Assessment Board
OC On-Condition	PTRS Program Tracking and Reporting Subsystem
OCA oceanic control areas	PTS practical test standards
ODAR Organizational Designated Airworthiness Representative	QA quality assurance
OEM Original Equipment Manufacturer	QC quality control
OJT on-the-job training	QCM Quality Control Manual
	QMS Quality Monitoring System
	RAIM receiver autonomous integrity monitoring
	RFM Rotorcraft Flight Manual
	RFSD Regional Flight Standards Division
	RII Required Inspection Items

Appendix 1

RNAV Area Navigation

ROC Regional Operations Center

RPM revolutions per minute

RS restoration

RSAM repair station analytical model

RSAT Repair Station Analysis

RSM Repair Station Manual

RSPA Research and Special Projects Administration

RT remedial training

RTCA Radio Technical Commission of Aeronautics

RVR runway visual range

RVSM Reduced Vertical Separation Minimum

RWBC Regional Whistleblower Coordinators

SA selective availability

SAE Society of Automotive Engineers

SAI Safety Attribute Inspections

SAT System Analysis Team

SB Service Bulletin

SDR Service Difficulty Report

SEAT Surveillance and Evaluation Assessment Tool

SEL Single-Engine Land

SEP Surveillance and Evaluation Program

SES Single-Engine Sea

SFAR Special Federal Aviation Regulations

SIC second-in-command

SIDA Security Identification Display Area

SIGMET/ Significant Meteorological Information

AIRMET Airmen's Meteorological Information

SIP simulator implementation procedures

SL Service Letter

SLSA Special Light-Sport Category Aircraft

SMP substantial maintenance provider

SODA Statement of Demonstrated Ability

SOIR simultaneous operations on intersecting runways (replaced by LAHSO)

SOP standard operating procedure

SPAS Safety Performance Analysis System

SPG Special Planning Group

SRM Structural Repair Manuals

SRR Specific Regulatory Requirements

SSID Supplemental Structural Inspection Document

SSN Social Security Number

STC Supplemental Type Certificate

SUP suspected unapproved parts

TAF terminal weather forecasts

TALTAR Tactical Landing Approach Radar

TAWS Terrain Awareness and Warning Systems

TBO time between overhauls

TC Transport Canada

TC type certificate

TCA Appliance Type Approval

TCAS Traffic Alert and Collision Avoidance Systems

TCDS type certificate data sheet

TCS Testing Center Supervisor

TCE training center evaluator

TCO training course outline

TGL temporary guidance leaflet

TRSB Time Reference Scanning Beam

TSA Transportation Security Administration

TSO Technical Standard Order

TSOA Technical Standard Order Authorization

UHF ultrahigh frequency

ULD unit load device

USNOF United States NOTAM Office

USPA United States Parachute Association

UV ultraviolet

VFR visual flight rules

VHF very high frequency

VIS Vital Information Subsystem

VLF very low frequency

V_{MC} minimum controllable airspeed

VMC visual meteorological conditions

VOR VHF omni-directional radio range

VOT Very High frequency Omnirange test

V_{REF} approach speed

WBPP Whistleblower Protection Program

WINDOWS Segmented Inspections and Built-In
Inspection Tolerances